

Excel Solid Cat6 Cable U/UTP 24AWG LSOH CPR Dca  
305 m Box Violet

Item Code: 100-080



X Cat6 24AWG Copper Cable

X U/UTP No Overall Screening

X No Conductor Screening

X Outer sheath colour Violet

X Reaction-to-fire class according to EN 13501-6: Dca

X Smoke development class according to EN 13501-6: s2

X CIBSE TM65 Embodied Carbon: 75.244 kg CO2e

Product Overview

Excel solid Cat6 ethernet cable U/UTP 24AWG LSOH CPR Dca manufactured and tested to the TIA/EIA 568-B.2-1, EN50173-1 and ISO/IEC 11801 Cat 6 specifications, 305m or 500m. Each cable consists of 8 colour coded solid copper conductors twisted together to form four pairs.

These are then formed around a central X-shaped polyethylene centre with the whole cable produced in a LSOH sheath.

Product Specifications

Feature	Values
Conductor surface	Bare
AWG size	24
Conductor category	Class 1 = solid
Total number of cores	8
Stranding element	Pairs
Specification core insulation	Polyethylene (PE)
Core identification	Colour

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Overall screening	None
Conductor screening	None
Outer sheath material	Copolymer, thermoplastic (LSOH)
Outer sheath colour	Violet
Flame retardant according to IEC 60332-1-2	yes
Reaction-to-fire class according to EN 13501-6	Dca
Smoke development class according to EN 13501-6	s2
Euro class flaming droplets/particles according to EN 13501-6	d2
Euro class acidity according to EN 13501-6	a1
Outer diameter approx.	6.1 mm
Installation Temperature Range	-10...60 °C
Operating Temperature Range	-20...75 °C
Category	6
NVP value	69 %

## Part Number Table

Part Number	Description
100-080	Excel Solid Cat6 Cable U/UTP 24AWG LSOH CPR Dca 305 m Box Violet
100-080-WT	Excel Solid Cat6 Cable U/UTP 24AWG LSOH CPR Dca 305 m Box White
100-080-WT-100	Excel Solid Cat6 Cable U/UTP 24AWG LSOH CPR Dca 100 m Box White

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)



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